

L Number	Hits	Search Text	DB	Time stamp
2	2	6195884.pn.	USPAT; US-PGPUB; EP ; JP ; DERWENT; IBM_TDB USPAT	2003/04/29 18:12
3	12	("4136440" "4419817" "4651413" "4803778" "5052449" "5083369" "5208977" "5477606" "5485660" "5687477" "5829129" "5894660").PN.		2003/04/29 17:45
4	1	wireharness near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 17:58
6	0	wire adj harness near apparatus and fabricating near station	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 17:59
7	0	wire adj harness near apparatus and fabricating and station and tranferring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:00
8	0	wire adj harness near apparatus and station and tranferring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:00
9	18	wire adj harness near apparatus and station	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:00
10	8	("4043017" "4551893" "4563810" "5110255" "5138762" "5365659" "5457875" "5471741").PN.	USPAT	2003/04/29 18:03
11	204	(29/857; 29/748 ; 29/747 ; 29/760 ; 29/755 ; 29/881 ; 29/886 ; 29/33F).ccls. and apparatus same harness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:05
12	22	("3930524" "4043017" "4043034" "4375229" "4669182" "4976294" "5119546" "5156557" "5224251" "5289633" "5345978" "5396053" "5499443" "5611141" "5745975" "5774981" "5774983" "5791037" "5913469" "5970609" "6021566" "6170152").PN.	USPAT	2003/04/29 18:05

13	13	("4440053" "4677734" "4750265" "4803778" "4908941" "5052449" "5127159" "5606795" "5694681" "5743010" "5783008" "5829129" "5970609").PN.	USPAT	2003/04/29 18:06
14	8	("3872584" "4165768" "4166315" "4404743" "4581796" "4932110" "5159749" "5471741").PN.	USPAT	2003/04/29 18:07
15	492	(Miyamoto near Yutaka or Kudo near Shigeji or Suzuki near Hiroo or Nakayama near Tsutomu or Aikawa near Jiro).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:13
16	2	(Miyamoto near Yutaka and Kudo near Shigeji and Suzuki near Hiroo and Nakayama near Tsutomu and Aikawa near Jiro).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:14
5	166	wire adj harness near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:14
19	7	("3707756" "4214361" "4617731" "4970777" "5082253" "5127159" "5205329").PN.	USPAT	2003/04/29 18:15

	Titl	Current OR	Current XRef
1	Apparatus for aut matic manufacture f wiring harnesses	29/872	29/755; 29/857
2	Machine for connection connexion elements into connectors	29/718	29/721; 29/748; 29/789
3	Assembly guiding apparatus for wiring harness subassemblies	29/721	29/748
4	Process for the connection of conductor wire or optical fiber section ends to connectors	29/861	29/33F; 29/33M; 29/857
5	Automatic wire press-connecting and laying out apparatus for wire harness	140/93R	29/755
6	Electrical harness fabrication apparatus	29/749	29/857
7	Apparatus for feeding connectors to a harness-making system	198/418.1	198/418.5; 198/432; 198/433
8	Wire harness handling and storage system	414/331.08	29/759; 414/331.11
9	Wire harness termination apparatus for programmable connectors	29/564.6	29/33M; 29/755
10	MANUFACTURE AND APPARATUS OF WIRE-HARNESS		
11	Wiring harness fabricating system	29/863	156/433; 29/749; 29/755
12	Manufacture of a wire harness	29/863	29/729; 29/868
13	Method of manufacturing wire harness for automobile use	29/861	29/33M; 29/753; 29/763; 29/857
14	Method and apparatus of automatically positi ning wire nds f r multi-mod nd pro essing	140/102	29/753

	Title	Current R	Current XR f
15	Apparatus and method f manufacturing an aut mobile wiring harness having a predetermined wiring route	29/857	29/33M; 29/755; 29/861; 29/863
16	Wire-laying head	83/282	140/93R; 29/564.6; 29/861; 83/580; 83/87
17	Wire transfer device for lead making machine	29/742	29/747; 29/749; 29/753; 29/755; 29/759
18	Apparatus for automatically producing cable with crimped terminals	29/33M	29/564.4; 29/748; 29/861; 29/867; 81/9.51
19	Wire harness holding device, and wire harness holding mechanism and method using the wire harness holding device	140/92.1	29/755
20	MACHINE FOR ASSEMBLING WIRE HARNESS	29/56.6	29/755
21	Manufacturing apparatus of wire harness	29/742	29/33M; 29/593; 29/622; 29/748; 29/753; 29/850; 29/861; 29/866; 29/868; 73/862.01; 73/865.9; 73/9

	R trieval Classif	Inv ntor
1		S riano, Louis
2		Pittau, Serge F.
3		Igura, Toshinori
4		Ricard, Claude
5		Fukuda, Michio et al.
6		Funcik, Jack F. et al.
7		Kamei, Kazuaki
8		Cervantes, Arturo et al.
9		Heisner, Douglas Lester et al.
10		SUZUKI, YOSHIJI et al.
11		Ueda, Koichi et al.
12		Ohta, Yoshinobu
13		Shioda, Ryosuke
14		Mikami, Hit shi et al.

	R tri val Classif	Inventor
15	29/755; 29/857	Suzuki, Toshiaki et al.
16		Suzuki, Yoshitsugu et al.
17		Weigert, Fidelo et al.
18		Fukuda, Michio et al.
19	29/755	Mori, Masaharu et al.
20	29/755	Logan, David J.
21		Kometani, Toshio

L Number	Hits	Search Text	DB	Time stamp
1	0	wire adj harness and fabrication near station and jig and plate and connector and hybrid	USPAT; US-PGPUB; EP ; JP ; DERWENT; IBM_TDB	2003/05/02 09:55
2	0	harness and fabrication near station and jig and plate and connector and hybrid	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 09:55
3	2	harness and station and jig and plate and connector and hybrid	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 10:21
4	12	("4136440" "4419817" "4651413" "4803778" "5052449" "5083369" "5208977" "5477606" "5485660" "5687477" "5829129" "5894660").PN.	USPAT	2003/05/02 09:58
5	7	("3693228" "3804130" "3907007" "4145807" "4380117" "4428114" "4593452").PN.	USPAT	2003/05/02 10:00
6	7	("2987804" "3019915" "3295562" "3353791" "3693228" "3699630" "3769699").PN.	USPAT	2003/05/02 10:02
9	0	1221813.URPN.	USPAT	2003/05/02 10:05
10	0	"microfeeder near device" and table	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 10:13
11	0	microfeeder near device and table	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 10:13
12	351	component near feeder and table	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 10:14
13	100	component near feeder and table and 29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 10:14

14	3	wire near harness and fabricating near station and jig	USPAT; US-PGPUB; EP ; JP ; DERWENT; IBM_TDB	2003/05/02 10:22
15	16	3706134.URPN.	USPAT	2003/05/02 10:23
16	7	("3705347" "3706134" "4029006" "4566502" "4638558" "4653159" "4658503").PN.	USPAT	2003/05/02 10:26
-	2	6195884.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:12
-	12	("4136440" "4419817" "4651413" "4803778" "5052449" "5083369" "5208977" "5477606" "5485660" "5687477" "5829129" "5894660").PN.	USPAT	2003/04/29 17:45
-	1	wireharness near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 17:58
-	0	wire adj harness near apparatus and fabricating near station	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 17:59
-	0	wire adj harness near apparatus and fabricating and station and tranferring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:00
-	0	wire adj harness near apparatus and station and tranferring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 09:54
-	18	wire adj harness near apparatus and station	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/02 10:12
-	8	("4043017" "4551893" "4563810" "5110255" "5138762" "5365659" "5457875" "5471741").PN.	USPAT	2003/04/29 18:03
-	204	(29/857; 29/748 ; 29/747 ; 29/760 ; 29/755 ; 29/881 ; 29/886 ; 29/33F).cccls. and apparatus same harness	USPAT; US-PGPUB; EP ; JP ; DERWENT; IBM_TDB	2003/04/29 18:05

-	22	("3930524" "4043017" "4043034" "4375229" "4669182" "4976294" "5119546" "5156557" "5224251" "5289633" "5345978" "5396053" "5499443" "5611141" "5745975" "5774981" "5774983" "5791037" "5913469" "5970609" "6021566" "6170152").PN.	USPAT	2003/04/29 18:05
-	13	("4440053" "4677734" "4750265" "4803778" "4908941" "5052449" "5127159" "5606795" "5694681" "5743010" "5783008" "5829129" "5970609").PN.	USPAT	2003/04/29 18:06
-	8	("3872584" "4165768" "4166315" "4404743" "4581796" "4932110" "5159749" "5471741").PN.	USPAT	2003/04/29 18:07
-	492	(Miyamoto near Yutaka or Kudo near Shigeji or Suzuki near Hiroo or Nakayama near Tsutomu or Aikawa near Jiro).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:13
-	2	(Miyamoto near Yutaka and Kudo near Shigeji and Suzuki near Hiroo and Nakayama near Tsutomu and Aikawa near Jiro).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:14
-	166	wire adj harness near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 18:14
-	7	("3707756" "4214361" "4617731" "4970777" "5082253" "5127159" "5205329").PN.	USPAT	2003/04/29 18:15
-	2	5661897.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:30
-	2	5432995.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:31
-	23	72/712.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:34

-	548	29/747.ccls.	USPAT; US-PGPUB; EP ; JP ; DERWENT; IBM_TDB	2003/05/01 15:48
-	2	(29/747 , 29/712 , 29/761).ccls. and "terminal applicator"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:45
-	2133	Hasegawa near Hiroshi.inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:46
-	2133	Hasegawa near Hiroshi .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:46
-	1	Hasegawa near Hiroshi .inv. and ((29/747 , 29/712 , 29/761).ccls. and "terminal applicator")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:46
-	0	Hasegawa near Hiroshi.inv. and 72/\$.ccls. and 29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:47
-	6	Hasegawa near Hiroshi.inv. and 72/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:47
-	42	29/747.ccls. and terminal and crimping	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 15:48
-	2	6195884.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/01 16:43
-	12	("4136440" "4419817" "4651413" "4803778" "5052449" "5083369" "5208977" "5477606" "5485660" "5687477" "5829129" "5894660").PN.	USPAT	2003/05/01 16:52